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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/656,200	09/08/2003	Hideo Toyofuku	50099-237	7481
<div>7590 07/18/2007 MCDERMOTT, WILL &amp; EMERY 600 13th Street, N.W. WASHINGTON, DC 20005-3096</div>			<div>EXAMINER DICKER, DENNIS T</div>	
			<div>ART UNIT 2609</div>	<div>PAPER NUMBER</div>
			<div>MAIL DATE 07/18/2007</div>	<div>DELIVERY MODE PAPER</div>

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

**Office Action Summary**

Application No.

10/656,200

Applicant(s)

TOYOFUKU ET AL.

Examiner

Dennis Dicker

Art Unit

2609

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 9/8/2003.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-14 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1, 2 and 5-14 is/are rejected.
- 7) ☒ Claim(s) 3 and 4 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 08 September 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All    b) ☐ Some \*    c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892) —
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date 12/8/2003; 3/24/2006 ✓
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_

## **DETAILED ACTION**

### ***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1, 7, 9, 11 and 13 are rejected under 35 U.S.C. 102(b) as being anticipated by Hiroshi (EP 838342A2).

With respect to Claim 1 (printing system), 7(controller), and 9(method), 11 (recording medium) and 13(program product)[See Column 11 Lines 14-27], Hiroshi teaches a printing system comprising a printing machine having a plurality of paper feed sections, a controller for providing printing data, an information defining element, a paper feed section specifying element, an image creating element, and a display element [See Abstract].

### ***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claim 2, 5,6, 8 and 10, 12 and 14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hiroshi in view of Shibasaki (US 2002/0054352).

With respect to Claim 2 (printing system), 8(controller), 10(method), 12(recording medium) and 14(program product) [See Column 11 Lines 14-27], Hiroshi teaches a printing machine having a plurality of paper feed sections, a controller for providing printing data, and information defining element, a paper feed section specifying element, an image creating element, and a display element [See Abstract]. Hiroshi also teaches a slip sheet feed section specifying element for specifying one of said plurality of paper feed sections for feeding a sheet to be used as a slip sheet [See Column 4 Lines 36-43].

Hiroshi does not explicitly teach a printing system wherein the controller includes a position specifying element, a slip sheet feed section, and a image creating element which creates a preview image based on position of slip sheet is to be inserted.

Shibasaki teaches a controller [See Figure 4] in which a position specifying element for specifying a position in which a slip sheet is to be inserted between sheets [See Figure 6], and an image creating element which creates a preview image based on position on said position in which said slip sheet is to be inserted [See Figure 10].

Therefore it would have been obvious to someone of ordinary skill in the art at the time of invention to employ the feature of previewing the said slip sheet and print data as it will give the user better visual representation of the current print job.

With respect to Claim 5, Hiroshi teaches a printing system comprising a printing machine having a plurality of paper feed sections, a controller for providing printing data, and information defining element, a paper feed section specifying element, an image creating element, and a display element [See Abstract].

Hiroshi does not explicitly teach a printing system where in the image creating element creates said preview image using identification information defined by information defining element for said paper feed section specified by paper feed section specifying element as a pattern of preview image.

Shibasaki teaches a printing system where the image creating element creates said preview image [See Figure 10] by using identification information (21a) for paper feed section (22a) as a pattern (See Figure 10) of preview image.

Therefore it would have been obvious to someone of ordinary skill in the art at the time of invention to employ the feature of previewing the image of a slip sheet and print data where the slip sheet will simply act as a pattern to the original print data.

With respect to Claim 6, Hiroshi teaches a printing system comprising a printing machine having a plurality of paper feed sections, a controller for providing printing data, and information defining element, a paper feed section specifying element, an image creating element, and a display element [See Abstract].

Hiroshi does not explicitly teach a display element which displays a plurality of preview images in list form.

Shibasaki teaches a display element which displays a plurality of preview images in list form element [0073 and Figure 10].

Therefore it would have been obvious to someone of ordinary skill in the art at the time of invention to display a plurality of preview images in a list form to allow the user to preview outputted images faster.

With respect to Claim 12, Hiroshi teaches a recording medium having a plurality of paper feed sections, a controller for providing printing data, and information defining element, a paper feed section specifying element, an image creating element, and a display element [See Abstract]. Hiroshi also teaches a slip sheet feed section specifying element for specifying one of said plurality of paper feed sections for feeding a sheet to be used as a slip sheet [See Column 4 Lines 36-43].

#### ***Allowable Subject Matter***

5. Claim 3 and 4 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. The following is a statement of reasons for the indication of allowable subject matter: none of the references, either singularly or in combination, teach or fairly suggest a printing system comprising a printing, controller an information defining element, paper feed section, image creating element and a display element where the image creating element creates a preview image by identification specified by paper feed specifying element as a background and periphery of preview image.

#### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dennis Dicker whose telephone number is (571) 270-

3140. The examiner can normally be reached on Monday - Friday 7:30 A.M. to 4:00 P.M..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Alexander Eisen can be reached on (571) 272-7687. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Alexander Eisen  
SPE  
Art Unit 2609

DD  
7/5/2007